

AUTHOR INDEX, VOLUME 24

Agterberg, Frederik P., 587, 731
Aitchison, John, 365
Alkemade, J. A. H., 27
Armstrong, M., 135

Barnes, Randal J., 129, 171
Bourgault, Gilles, 463
Burger, H., 675
Butler, John C., 965
Bysigin, Boris S., 711

Carr, James Russell, 573
Chambon, Cl., 479
Cheng, Hua-xiang, 653
Cheng, Yuanming, 609
Coakley, Kevin J., 905
Cressie, Noel, 45
Cubitt, John, 859
Cui, Zhenkui, 663

Dackombe, R. V., 227
Dargahi-Noubary, G., 161
Davis, Bruce M., 449
Davis, John C., 577
de Gruijter, J. J., 859
Demassieux, L., 479
Desbarats, A. J., 249
Ding, Pengfei, 609
Drew, Lawrence J., 221

Ediberidze, Alexandre, 719
Englund, Evan, 329, 381
Erdlac, Richard J., Jr., 451

Gaillard, Jean-François, 443
García-Ruiz, Juan M., 61
Glazner, Allen F., 957

Goulard, M., 269
Grunsky, E. C., 731

Harbaugh, John W., 961
Hardy, H. H., 73
Harris, DeVerle P., 177, 789, 807
He, Z., 825
Herzfeld, Ute Christina, 225
Ho, Chih-Hsiang, 347, 775
Hu, Guangdao, 609

Jones, Thomas A., 847
Journel, A. G., 145, 563
Jurke, Simon R., 287

Kang, Y. S., 479
Kitts, David B., 581

Lagoe, Martin B., 851
Lajaunie, Ch., 555
Lake, Larry W., 305
Lan, Jun, 653
Legendre, Pierre, 463
Lerche, Ian, I, 825
Leviant, N., 329
Li, Xujun, 631
Lisle, Richard, 455
Liu, Anzhou, 631
Liu, Shaohua, 597, 631
Lowe, Donald R., 393

Mann, C. John, 219
Marcotte, Denis, 463, 567, 759
Martin, R. J., 345

Nagahama, H., 947
Němec, V., 705

- Otálora, Fermín, 61
- Pan, Guocheng, 177, 807
- Pawlowsky, V., 675
- Picard, M. Dane, 439
- Ponzini, Giansilvio, 499
- Posa, Donato, 539, 759
- Power, M., 929
- Renner, Ross M., 287
- Rossi, Mario, 539
- Royer, J. J., 479
- Şen, Zekâi, 417
- Sharp, W. E., 437
- Shurtz, Robert F., 99
- Siddiqui, Fareed I., 305
- Smakowski, Tadeusz J., 693
- Smith, J. P., 227
- Soares, Amilcar, 149
- Song, Yujiu, 609
- Stam, J. M. T., 865, 885
- Suro-Pérez, V., 563
- ter Braak, C. J. F., 859
- Tosi, Nicola, 499
- Verly, Georges, 585
- Vermeer, P. L., 27
- Voltz, M., 269
- Walden, J., 227
- Wang, Guojuan, 663
- Wang, Kai, 597
- Wang, Renduo, 609
- Wang, Shicheng, 597
- Wang, Xueren, 203, 645
- Wang, Yutian, 597
- Watson, A. G., 129
- Weber, Dennis, 329, 381
- Wilson, Tetevi B., 789
- Xu, Shuang, 663
- Yang, Xiaoli, 663
- You, Kwangho, 171
- Zeng, Jianjun, 393
- Zhang, Jin, 203, 645
- Zhao, Pengda, 589
- Zijl, W., 865, 885
- Zimmerman, Dale, 45

SUBJECT INDEX, VOLUME 24

- Additive-log-ratio transformation, 675
- Autocorrelation, 731
 - function, 417
- Average permeability, 885
- Bayesian analysis, 347
- Bivariate Gaussian distribution, 539
- Blind mineralization, 631
- Block-scale
 - permeability, 885
 - tensor, 865
 - Darcy's law, 865
- Bochner's theorem, 135
- Box-Jenkins' method, 479
- California-Nevada, 789
- Classification, 645, 711
- Cluster analysis, 463
- Clustering, 711
- Co-regionalization, 675
- Compositional data, 675
- Control set, 711
- Correlation, 99
- Correlogram, 731
- Covariance structure, 365
- Cross-covariance, 675
- Cross-variogram, 269
- Crosscorrelation, 731
- Cumulative semivariogram, 417
- Decomposed and weighted characteristic analysis, 807
- Deterministic formulation, 161
- Diamict, 227
- Discrete multivariate analysis, 663
- Discriminant function, 645
- Discrimination, 203
- Dissimilarity, 463
- Domains metallogenic maps, 597
- Drilling, 719
- Earth's heat flow, 499
- Economic filtration, 929
- Edge detection, 27
- Endmember, 287
- Entropy, 539
- Environmental magnetism, 227
- Equidistances, 705
- Equivalence classes, 365
- Estimators, 381
- Expert input, 99
- Exploration
 - potential, 789
 - target, 177
- Exponential distribution, 775
- Extrapolation, 759
- Favorability equation, 177
- Feature selection, 711
- Finite difference schemes, 499
- Fluid flow, 905
 - in porous media, 249
- Fluvial drainage systems, 61
- Fourier transform, 73
- Fractal
 - functions, 99
 - geometry, 61
- Fractional Brownian bridges, 99
- Geochemical prospecting, 609
- Geographic Information Systems, 663
- Geological
 - anomaly, 589
 - forecasting, 711
 - modeling, 499
- Geometric modeling, 149
- Geophysical
 - data, 711
 - mapping, 711
- Geostatistics, 73, 129, 171, 329, 381

- Gold
 - exploration, 663
 - lodes, 631
- Gold-silver deposit, 177
- Grey prediction model, 653
- Gridded data, 731
- Ground motion, 161
- Groups, 365
- Heat flow, 1
- High concentration suspension, 393
- Hydraulic conductivity, 249
- Hydrocarbon trapping, 305
- Hydrogeology, 479
- Hydrology, 99
- Imperfectly layered porous media, 865
- Indicator functions, 135
- Indicators of mineralization, 609
- Interpolation, 381, 759
- Interrelationship degree, 653
- Irregularly spaced data, 731
- Kriging, 45, 129, 171
- Lake sediment, 227
- Layered porous media, 885
- Least-squares, 269
 - strain, 455
- Local anomaly, 609
- Lognormal, 135
- Magnetic susceptibility, 227
- Man-and-machine technology, 711
- Mathematical methods, 719
- Maximum entropy, 539
 - principle, 947
- Mean squared prediction error, 45
- Metric, 463
- Mine discharge, 479
- Mineral
 - deposit, 589
 - resources estimation, 807
 - resources, 597, 705
- Mineral-resource assessment, 609
- Mineralization degree, 653
- Mining, 99
- Mixture, 287
- Model validation, 499
- Mohr circle, 455
- Monte Carlo, 99
- Morphological Kriging, 149
- Multi-phase sets, 149
- Multiple
 - dimension, 631
 - regression, 479
- Multiscale, 27
- Multitable analysis, 269
- Multivariate (co)variogram, 463
- Nb-Ta deposit, 807
- Non-linear waves, 305
- Non-parametric relative entropy estimator, 539
- Nonhomogeneous poisson process, 347
- Nonstationary, 99
- Occurrence modeling, 789
- Oil and gas pool-size distributions, 929
- Ordinary kriging, 759
- Orthogonally stepwise discrimination, 203
- Partitioning methods, 287
- Pattern recognition, 711
- Permeability modeling, 885
- Permutation invariance, 365
- Perspective zones, 693
- Perturbation invariance, 365
- Petrologic chemical parameters, 653
- Physical interpretation, 161
- Planetary disjunctive systems (palaeosystems), 705
- Population, 203, 645
- Positive definiteness, 135
- Power-averaging, 249
- Prediction, 693, 905
- Principal component analysis, 269
- Prior distribution, 347
- Probability, 99
- Process control, 775
- Prospecting models, 597
- Q-mode factor analysis, 287
- Quantitative
 - geomorphology, 61
 - prediction, 631
- Quasi-linear P.D.E.
- Random walk, 99
- Ranging, 711
- Regional
 - background, 609
 - correlation, 417

- Regionalized
 - composition, 675
 - variables, 417
- Regular structural patterns, 705
- Reservoir
 - engineering, 99
 - property distribution, 73
- Resistance, 45
- Resource
 - appraisal, 929
 - assessment, 177
- Risk analysis, 99
- Robustness, 45
- Sampling, 99, 329, 381
- Scale invariance, 365
- Scale-space, 27
- Sediment-source linkage, 227
- Sedimentation model, 393
- Segmentation, 27
- Shear strain, 947
- Simulation, 99
- Simulator parameter assignment, 249
- Single rock fracture, 905
- Soil physical properties, 269
- Spatial
 - analysis, 73, 269
 - correlation, 759
 - dependence, 45
 - disorder, 539
 - factors, 731
 - prediction, 45
 - statistics, 905
- Stationary stochastic process, 417
- Statistical prediction, 589
- Stochastic
 - modeling, 161
 - process, 99
- Stratigraphic focusing, 1
- Stress, 455
- Subcomposition, 365
- Superimposed information, 631
- System analysis, 719
- Ternary diagram, 287
- Thermal conductivity, 1
- Thin grid-blocks, 865
- Thresholds values, 693
- Trajectory, 99
- Trend, 45
- Truncated
 - exponential distribution, 947
 - probability model, 789
- Universal kriging, 609, 759
- Variogram, 45, 135
- Volcanic risk, 347
- W-square, 161
- Walker Lake quadrangle, 789
- Waste cleanup, 99
- Weibull
 - distribution, 347
 - Poisson process, 775
- Weighted
 - canonical correlation, 177
 - matrix analysis, 631
- Weights of evidence, 663
- Well log, 27
- Zn-Pb deposits, 693